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PTO/SB/05 (12/97)

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: SC-98-25A

First Named Inventor: Chen

Title: Force-Balanced Roller-Cone Bits, Systems, Drilling Methods, and Design Methods

Express Mail Label No. EL68617963US

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. Fee Transmittal Form (e.g., PTO/SB/17)

(Submit an original, and a duplicate for fee processing)

2. Specification Total pages 28
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s) (35 USC d113) Total pages 8

4. Oath of Declaration Total pages 2

- a.
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- Newly Executed (original or copy)

- b.
-
- Copy from a prior application (37 CFR 1.63(d))
-
- (for continuation/divisional with Box 17 completed)

- i.
-
- Deletion of inventor(s) (Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b)).

5. Incorporation by Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies
8. Assignment Papers (cover sheet & Documents(s)) *(Copy)*
9. 37 CFR §3.73(b) Statement (when there is an assignee)
 - Power of Attorney
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS)/PTO-1449
 - Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14. *Small Entity Statement(s) (PTO/SB/09-12)
 - Statement filed in prior application -Status still proper and desired
15. Certified Copy of Priority Document(s).
16. Other:

* A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No: 09/387,737, filed 8/31/99, which claims priority from 60/098,466, filed 8/31/98.

Prior application information: Examiner: Hoang Dang

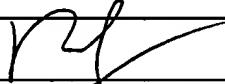
Group / Art Unit: 3672

18. CORRESPONDENCE ADDRESS: Name: Groover & Associates p.c.

Address: 17000 Preston Road, Suite 230, Dallas, Texas 75248 (Dallas County)

Phone: (972) 380-6333, fax (972) 380-4445

Signature


 Robert Groover, Reg.No.30,059, Date: April 10, 2001